

# Work Order ID 60751

July 22, 2010 8:14:39 AM



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Item ID:	D212-601-042	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Heli-Utility-Pod RH, 205/212/214/412					
Start Date:	9/10/10	Start Qty:	1.00		Cust Item ID:	
Required Date:	9/10/10	Req'd Qty:	1.00		Customer:	
Reference:						

Approvals:	Process Plan:	<u>CX</u>	Date:	<u>10/7/21</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
IIN-D212-601	B								
100		0.00							
	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy blue file & create labels per PPP D212-601-042 CHG002								
110		0.00							
	Pick Kit								
Packaging	Memo	0.00							
Packaging									
120		0.00							
	QC4- 100% Inspect kits for completeness								
QC	Memo	0.00							
Quality Control									

Pho →

S 10/10/27

Ch BG 10-10-27

10/10/27 10 SL

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 60751**

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Item ID: D212-601-042

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Utility-Pod RH, 205/212/214/412

Start Date: 9/10/10 Start Qty: 1.00

Cust Item ID:

Required Date: 9/10/10 Req'd Qty: 1.00

Customer:



Reference:

Run Start

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Packaging	0.00							
Packaging	<b>Memo</b> Identify and pack for shipping as per PPPD212-601-042 Location: _____ PPP Rev: <u>Dras</u>	0.00							
140 	QC21- Final Inspection - Work Order Release	0.00							
QC Quality Control	<b>Memo</b>	0.00							

MF  
10-10-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 60751

Parent Item: D212-601-042

Parent Item Name: Heli-Utility-Pod RH, 205/212/214/412

Start Date: 9/10/10

Required Date: 9/10/10

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev. A New Issue 08.07.16 DL verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D3192-042		Purchased	No				Each	0.0000	1	1			
-----------	--	-----------	----	--	--	--	------	--------	---	---	--	--	--



pod assembly

D2199-5		Manufactured	No				Each	4.0000	1				
---------	--	--------------	----	--	--	--	------	--------	---	--	--	--	--



Strut Details

Location	Loc Qty	Loc Code
----------	---------	----------

ST272	4	
40616	4	

D2199-7		Manufactured	No				Each	4.0000	1	1			
---------	--	--------------	----	--	--	--	------	--------	---	---	--	--	--



Strut Details

Location	Loc Qty	Loc Code
----------	---------	----------

ST272	4	
40617	4	

D2199-9		Manufactured	No				Each	5.0000	1	1			
---------	--	--------------	----	--	--	--	------	--------	---	---	--	--	--



Strut Details

Location	Loc Qty	Loc Code
----------	---------	----------

Mezz	1	
22497	1	
ST258	4	
57758	4	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Work Order ID: 60751

Parent Item: D212-601-042

Parent Item Name: Heli-Utility-Pod RH, 205/212/214/412

Start Date: 9/10/10

Required Date: 9/10/10

Start Qty: 1.00

Required Qty: 1.00

AN4-5A Purchased No

Each

283.0000

3 3



Bolt



11/10/07 SP

## Location

## Loc Qty

## Loc Code

ST351

3

6651

3

ST356

280

114108

13

114330

167

115016

100

AN4-7A Purchased No

Each

169.0000

2



Bolt



10/10/07 SP

## Location

## Loc Qty

## Loc Code

ST356

169

113226

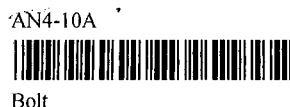
169

Each

125.0000

2

AN4-10A Purchased No



Bolt



10/10/07 SP

## Location

## Loc Qty

## Loc Code

ST356

125

113422

25

114523

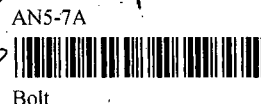
100

Each

186.0000

1

AN5-7A Purchased No



Bolt



10/10/07 SP

## Location

## Loc Qty

## Loc Code

ST337

186

113149

186

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Shop Packet Print

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# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

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Work Order ID: 60751



Parent Item: D212-601-042



Parent Item Name: Heli-Utility-Pod RH, 205/212/214/412

Start Date: 9/10/10

Required Date: 9/10/10

Start Qty: 1.00

Required Qty: 1.00

AN5-10A Purchased No

Each 165.0000

1



Bolt



*Handwritten signature*

Location

Loc Qty

Loc Code

ST337

165

114752

65

115108

100

AN960JD416 NAS1149D0463J Purchased No

Each 0.0000

12



Washer



*Handwritten signature*

AN960JD516 NAS1149D0563J Purchased No

Each 0.0000

3



Washer



*Handwritten signature*

MS21042L4 Purchased No

Each 3,917.000

7



Nut



*Handwritten signature*

Location

Loc Qty

Loc Code

ST300

3917

113422

68

114523

28

114718

23

114784

1798

115108

2000

MS21042L5 Purchased No

Each 821.0000

2



Nut



*Handwritten signature*

Location

Loc Qty

Loc Code

ST139

321

114813

321

ST300

500

115156

500

*Handwritten signature*

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Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## 5. PARTS LIST

Qty -041	Qty -042	Part Number	Description
X		D212-601-041	HELI-UTILITY-POD LH
	X	D212-601-042	HELI-UTILITY-POD RH
1		D3192-041	POD ASSEMBLY
	1	D3192-042	POD ASSEMBLY
1	1	*D2195	BRACKET
1	1	*D2196	BRACKET
1	1	*D2197	BRACKET
6	6	*D2198-1	BRACKET
1	1	*D2200-1	LID
1	1	*D2200-2	BASE
3	3	*D2204-6	LATCH
2	2	*D2204-9	LATCH
1	1	*D2258-220	PLACARD
1	1	*D2429-041	SPRING CLIP ASSEMBLY
1	1	*D2462-1700	NEOPRENE SEAL
5	5	*D2528-1	BACKER PLATE
4	4	*D2528-3	BACKER PLATE
1	1	*D2569	HINGE
1	1	*D3007-041	PROP ASSEMBLY
3	3	*D3191-1	BACKER PLATE
3	3	*D3191-3	BACKER PLATE
38	38	*AD64ABS	RIVET
30	30	*AN3-10A	BOLT
30	30	*AN3-4A	BOLT
13	13	*AN4-5A	BOLT
1	1	*AN4-6A	BOLT
6	6	*AN4-11A	BOLT
2	2	*AN526C632R7	SCREW
2	2	*AN960JD6	WASHER
60	60	*AN960JD10	WASHER
21	21	*AN960JD416	WASHER
60	60	*MS21042L3	NUT (OR -3)
20	20	*MS21042L4	NUT (OR -4)
2	2	*MS21042L06	NUT (OR -06)
1	<del>1</del>	<del>D2199-2</del>	STRUT <del>D2199-2</del> +1
1	1	D2199-7	STRUT
1	1	D2199-9	STRUT
3	3	AN4-5A	BOLT
2	2	AN4-7A	BOLT
2	2	AN4-10A	BOLT
1	1	AN5-7A	BOLT
1	1	AN5-10A	BOLT
12	12	AN960JD416	WASHER
3	3	AN960JD516	WASHER
7	7	MS21042L4	NUT (OR -4)
2	2	MS21042L5	NUT (OR -5)

\*INCLUDED IN D3192-041/-042 ASSEMBLIES LISTED ABOVE

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Revision: B

Date: 03.06.02

## 2. GENERAL NOTES

### COMPATIBILITY

Compatibility of this installation with the aircraft is the **responsibility of the installer**. Ensure that this installation does not conflict with a previous modification.

### CONTINUING AIRWORTHINESS

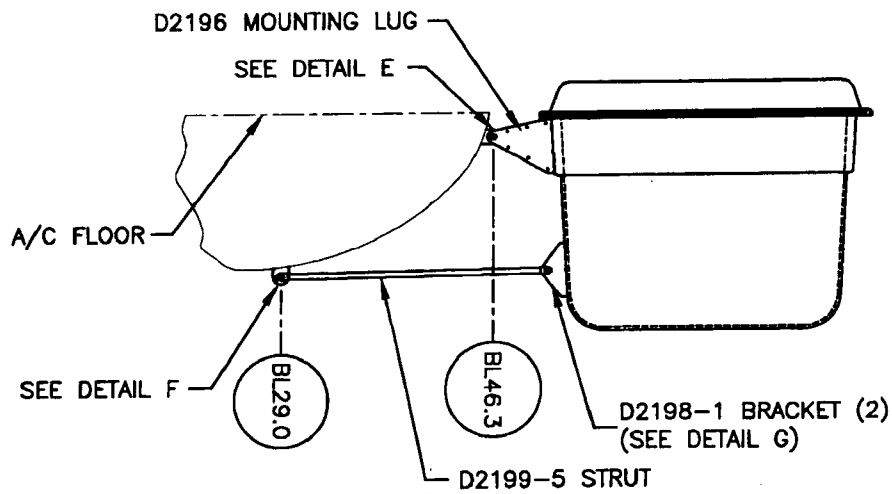
This installation should be maintained in accordance with the Maintenance Manual Supplement **MMS-D212-601**.

## 3. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D212-601-041 <i>Heli-Utility-Pod™</i>	80.0 lbs 36.3 kg	- 63.1 in - 1.60 m	- 5050 in-lb - 58.1 m-kg	118.0 in 3.00 m	9440 in-lb 108.9 m-kg
D212-601-042 <i>Heli-Utility-Pod™</i>	80.0 lbs 36.3 kg	+ 63.1 in + 1.60 m	+ 5050 in-lb + 58.1 m-kg	118.0 in 3.00 m	9440 in-lb 108.9 m-kg

## 4. INSTALLATION PROCEDURE

1. If required, install D2196 (STA 84.29), D2197 (STA 129.00), and D2195 (STA 155.06) brackets per Figure 5.
2. Locate the D212-601-041/-042 *Utility-Pod™* as shown in Figure 1.
3. Attach the Pod to the A/C hardpoints at STA 84.29, STA 129.00, STA 155.06 as shown in Figures 2, 3, and 4 respectively.



**Figure 2 - Section A-A Looking Fwd at STA 84.29**  
(D212-601-042 Shown. D212-601-041 Opposite)